

ER PROGRAM DATA ASSESSMENT  
SUMMARY REPORT FORM

Batch No. E89-0724/2nd Quarter 1989 Site Area 2 - 881 Hillside  
Laboratory EG&G 881 - General Labs No. of Samples/Matrix 19/Water  
Method L-Procedures Reviewer Org. TechLaw, Inc.  
Sample Numbers 56-86, 70-86, 5-87, TB-0418, FB-0418, 2-87, D2-87, 3-87, 69-86, 8-87, 4-87, TB-0420, FB-0420, 45-87, 62-86, 52-87, TB-0425, FB-0425, 9-74

Data Assessment Summary

		Oil/ Grease	Alkalinity	Chloride	Nitrate/ Nitrite	Sulfide/ Sulfate	Gravimetric	Comments
1.	Holding Times	<u>N/A</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>A</u>	<u>Action Item 1</u>
2.	Calibrations	<u>N/A</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
3.	Blanks	<u>N/A</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
4.	Lab Control Sample Results	<u>N/A</u>	<u>V</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>V</u>	
5.	Duplicate Sample Results	<u>N/A</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
6.	Matrix Spike Sample Results	<u>N/A</u>	<u>N/A</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>N/A</u>	
7.	Sample Verification	<u>N/A</u>	<u>X</u>	<u>V</u>	<u>V</u>	<u>X</u>	<u>V</u>	<u>Comments 1-2</u>
8.	Other QC	<u>N/A</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
9.	Overall Assessment	<u>N/A</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	<u>A</u>	<u>Data valid, or acceptable with qualifications</u>

V = Data had no problems.

A = Data acceptable but qualified due to problems.

R = Data rejected.

X = Problems, but do not affect data.

N/A = Not applicable.

Data Quality: Data contained in this batch were reviewed and found to be valid, or acceptable with qualifications. Acceptable, qualified data may be used provided that individual values impacted by the "Action Items" listed below are appropriately flagged.  
(Refer to attached Results Summary Tables).

ADMIN RECORD

"REVIEWED FOR CLASSIFICATION"

By R. B. Hoffman

Date 7/11/90

REVIEWED FOR CLASSIFICATION/UCNL

By George H. Little

Date 6/27/90

A-0001-000045

890724/eg07j

**Action Items:** 1) All TDS values are estimated (J) and non-detects are estimated and undetected (UJ) because  
holding times were exceeded.

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**Comments:** 1) Alkalinity values for 2-87 and D2-87 were reported incorrectly; the correct values appear in  
the Summary Table.

2) The Sulfate value for 4-87 was not averaged; data was not affected and no action was taken.

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**Note: Data Summary Tables are attached.**

William H. Trase  
Reviewer Signature

3/29/90  
Date

# WATER QUALITY PARAMETERS

TABLE #: E89-0724/2nd Quarter 1989

SITE NAME: Area 2 - 881 Hillside

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AQUEOUS ANALYSIS: Low Water

ANALYTICAL RESULTS (mg/L)

Sample Location	56-86	70-86	5-87	TB-0418	FB-0418	2-87	D2-87	3-87	69-86	8-87
Sample Number	04/13/89	04/13/89	04/13/89	04/18/89	04/18/89	04/18/89	04/18/89	04/18/89	04/18/89	04/18/89
Sample Date				Trip Blank	Field Blank		Duplicate			
Remarks										
Water Quality	DL	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ	DQ
Analyte	mg/L									
Alkalinity	10	44.6	V	76.3	V	496	V	1.0 UJ	A	372
Bicarbonate	10	44.6	V	76.3	V	496	V	1.0 UJ	A	372
Carbonate	5	41.6 J	A	40.6 J	A	260 J	A	2.0 UJ	A	90.4 J
Chloride	0.5									
Dissolved Oxygen	5									
Grease & Oil	5									
Hexavalent Chromium	0.01									
Nitrate/Nitrite	5	2.67 J	A	0.04 J	A	8.78 J	A	0.02 UJ	A	0.02 UJ
Sulfate	5	14.2	V	44.7	V	630	V	1.0 U	V	78.9
Sulfide	5									
TDS	5	195 J	A	222 J	A	1697 J	A	5.0 UJ	A	640 J
TSS	10									
pH										

SITE NAME:

SOIL ANALYSIS:

ANALYTICAL RESULTS (mg/Kg)

Sample Location										
Sample Number										
Sample Date										
Percent Solids										
Water Quality	DL									
Analyte	mg/Kg									
Chloride	60									
Grease & Oil	60									
Hexavalent Chromium	1									
Nitrate/Nitrite	60									
Sulfate	60									
Sulfide	4									
pH										

U Indicates the compound was not detected above the Instrument Quantitation Limit

J Quantitation is approximate due to limitations identified during the quality control review

mg/Kg Milligrams per Kilogram

E Exceeds Calibration Range

DL Detection Limit

N/R Not Reported

mg/L is Milligrams per Liter

TDS is Total Dissolved Solids

TSS is Total Suspended Solids

DQ Data Qualifier

V Valid

A Acceptable with qualifications

R Rejected

890724.eg07j

## WATER QUALITY PARAMETERS

TABLE #: E89-0724/2nd Quarter 1989

**SITE NAME:** Area 2 - 881 Hillside

### **AQUEOUS ANALYSIS:      Low Water**

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## ANALYTICAL RESULTS (mg/L)

[illegible]

**SITE NAME:**

## SOIL ANALYSIS:

## ANALYTICAL RESULTS (mo/Ka)

[illegible]

U Indicates the compound was not detected above the Instrument Quantitation Limit

**J** Quantitation is approximate due to limitations identified during the quality control review

mg/Kg Milligrams per Kilogram

**E Exceeds Calibration Range**  
**TDS is Total Dissolved Solids**

DL Detection Limit

**N/R Not Reported**

**DQ Data Qualifier**

**V Valid**

**A Acceptable with qualifications**

**R Rejected**

890724/eg07j

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